

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(B5B3B3) Hex(EBEBEB) Hex(B5B3B5) Hex(757575) Hex(F5F5F5)

Hex(B5B3B3)		Ratio: 1.75 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(EBEBEB)	Ratio: 1.75 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 3.86 AA 18pt ²
Hex(B5B3B5)	Ratio: 1.00 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 2.21 Failed ⁵
Hex(757575)	Ratio: 2.21 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 4.23 AA 18pt ²
Hex(F5F5F5)	Ratio: 1.91 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 4.23 AA 18pt ²

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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